

PUBLIC NOTICE

PERMIT APPLICATION: NRS # 04.379

APPLICANT: State of Tennessee
Department of Transportation
Environmental Planning and Permits Division
Suite 900, James K. Polk Building
505 Deaderick Street
Nashville, Tennessee 37243
(615) 253-2477

LOCATION: Overflow of Big Sandy River
35.8487°N, 88.3446°W
Carroll County

WATERSHED DESCRIPTION: The overflow of Big Sandy River is within the Kentucky Lake Watershed. The channel depth of the overflow is 1 to 2-feet, channel width is 3 to 4-feet, flow width is 2 to 3-feet, and flow depth is 6 to 8-inches. Substrate is soil and the overflow has approximately 40 to 60% of canopy. The wetland is comprised of an oak flat, an area mainly inhabited by tupelo and an area of river birch and red maple. Land use in the area is mainly agriculture.

PROJECT DESCRIPTION: The applicant proposes to improve the approaches and replace the bridge on State Route (SR) 424 over the overflow of the Big Sandy River. Associated with the bridge improvements is the permanent fill of 0.152 acre of wetland.

Station 54+68± (Lt.) to Sta. 60+19± (Lt.): Contiguous wetlands and overflow of Big Sandy River. Permanent fill would be placed in 0.152 acre of wetland. A temporary haul road would be constructed and removed and then restored back to the original condition. The temporary haul road would have a temporary impact to 0.302 acre of wetland. The applicant proposes to remove the existing bridge and replace it with a 240-foot 3-span concrete girder bridge at **Station 57+60**.

Station 55+16± (Rt.) to Sta. 56+41± (Rt.): Overflow of Big Sandy River. The applicant proposes to relocate a portion of the overflow. The existing open stream is 120-foot and the proposed open stream would be 121-foot.

Station 58+51± (Rt.) to Sta. 59+55±: Overflow of Big Sandy River. The applicant proposes to relocate portion of the overflow. The existing open stream is 111-feet and the proposed open stream would be 111-feet.

The applicant proposes to mitigate for the 0.152 acre of permanent wetland impact by debiting at a ratio of 2:1 0.30 acre of available credit from the Carroll County Wetland Mitigation Site. Standard erosion control devices would be used to prevent sediment from entering flowing water. Upon completion of the work, all disturbed areas would be stabilized.

PERMIT COORDINATOR: Trent Thomas

USGS TOPOGRAPHIC QUADRANGLE: Yuma, TN (10-SE)



